# Bruhath Bangalore Mahanagara Palike Dasarahalli Zone

**Name of Work: Detailed Estimated for Construction of BS Slab Drain & Culverts at Medrahalli, in Ward No-12 in Shettyhalli Sub Division.**

*Est .Cost Rs. 5.00 Lakhs*

| Sl No | Description of Items | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 1 | KSRB-2-2:1 Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead up to 50 m. after breaking of clods complete as per specifications. Specification No. KBS 2.1(a)/ 2.3.5, Page No. 5/ Item No. 2.3/ PWD SR 2010-11 | Cum | | | | | | | |
| | Culverts | | 4 | 6.00 | 2.30 | 1.20 | 66.24 | | |
| | Drain | | 2 | 134.00 | 0.70 | 0.70 | 131.32 | | |
| | | | | | | | **197.56** | 129.60 | **25604** |
| | Basic Rate | 120.00 | | | | | | | |
| | Area Weightage 8% | 9.60 | | | | | | | |
| | | 129.60 | | | | | | | |
| 2 | Providing Granite slabs selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete 7.5 cms thick Page No. 24/ Item No. 5.31.1/ PWD SR 2010-11 | Cum | | | | | | | |
| | | | 2 | 134.00 | | 1.80 | 482.40 | | |
| | | | | | | | **482.40** | 304.56 | **146920** |
| | Basic Rate | 282.00 | | | | | | | |
| | Area Weightage 8% | 22.56 | | | | | | | |
| | | 304.56 | | | | | | | |
| 3 | KSRB 4-1.3: Providing and laying in position plain cement concrete of nominal mix 1:4:8 using 40mm and down size graded granite metal machine mixed, concrete laid in layers not exceeding 15cms thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS : 4.1, 4.2 Page No. 12/ Item No. 4.3/ PWD SR 2010-11 | Cum | | | | | | | |
| | For Culverts | | 4 | 6.00 | 2.30 | 0.15 | 8.28 | | |
| | | | | | | | **8.28** | 3349.08 | **27730** |
| | Basic Rate | 3,101.00 | | | | | | | |
| | Area Weightage 8% | 248.08 | | | | | | | |
| | | 3,349.08 | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|
| 4 | K. B 4-1.6: Providing and laying in position plain cement concrete of mix 1:2:4 using 20mm and down size graded granite metal machine mixed, concrete laid in layers not exceeding 15cms thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS : 4.1, 4.2 Page No. 12/ Item No. 4.6/ PWD SR 2010-11 | Cum | | | | | | | |
| | For Side Walls | | 4x2 | 6.00 | (0.75+ 0.45)/2 | 0.90 | 25.92 | | |
| | | | | | | | **25.92** | 4388.04 | **113738** |
| | Basic Rate | 4,063.00 | | | | | | | |
| | Area Weightage 8% | 325.04 | | | | | | | |
| | | 4,388.04 | | | | | | | |
| 5 | Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete (RMC)for R.C.C works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, form works and scaffoldings to withstand pumping of concrete, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) Ready mixed Cement concrete M-20 (1:1:5:3) for raft foundation, column footing, main and secondary beams. Page No. 17/ Item No. 4.48.1/ PWD SR 2010-11 | Cum | | | | | | | |
| | For RCC Covering 1 | | 4 | 6.00 | 1.80 | 0.23 | 9.94 | Qty1 | |
| | Coping | | 4x2 | 6.00 | 0.45 | 0.10 | 2.16 | | |
| | | | | | | | **12.10** | 4491.72 | **54350** |
| | Basic Rate | 4,159.00 | | | | | | | |
| | Area Weightage 8% | 332.72 | | | | | | | |
| | | 4,491.72 | | | | | | | |
| 6 | KSRB 4.9.2: providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 Page No. 16/ Item No. 4.46/ PWD SR 2010-11 | Q | | | | | | | |
| | For Side Walls 5kgs/Sqm | | 2x4x2x6.0x0.90=86.40x5kg = 432.00kgs/Sqm | | | | 4.32 | | |
| | For RCC Covering Qty1 100kg/cum | | | | | | 9.94 | | |
| | | | | | | | **14.26** | 5204.52 | **74216** |
| | Basic Rate | 4,819.00 | | | | | | | |
| | Area Weightage 8% | 385.52 | | | | | | | |
| | | 5,204.52 | | | | | | | |

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| 8 | K: B 4-6.9: Providing and removing centering, shuttering, strutting, propping etc., for edges o slabs and breaks in floor, cills, plinth including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2 Page No. 15/ Item No. 4.36/ PWD SR 2010-11 | Cum | | | | | | | |
| | Walls | | 2x8 | 6.00 | | 0.90 | 86.40 | | |
| | | | | | | | **86.40** | 501.12 | **43297** |
| | Basic Rate | 464.00 | | | | | | | |
| | Area Weightage 8% | 37.12 | | | | | | | |
| | | 501.12 | | | | | | | |
| 7 | Conveying the excavaed earth to a distance of 2kms with all lead & lifts including loading & unloading charges etc., complete. Page No. 124/ PWD SR 2010-11 | Cum | | | | | | | |
| | Qty Vide Item No=1+2= | | | | | | 197.56 | | |
| | Qty Limited to | | | | | | **194.45** | 72.71 | **14138** |
| | Basic Rate | 67.32 | | | | | | | |
| | Area Weightage 8% | 5.39 | | | | | | | |
| | | 72.71 | | | | | | | |
| 8 | Miscellaneous and unforseen Charges | | | | | | | | .8 |
| | | | | | | | | | |
| | | | | | | | | **Total** | **500000** |
| **(Rupees Five Lakhs Only)** | | | | | | | | | |

**CERTIFICATE**

1 The Work spot has been inspected and the work found to be necessary
2 The Estimate is prepared as per the PWD SR 2010-11
3 The Provision made in estimate are adequate and essential
4 This area comes under BBMP limits.

Ravi.N.K.
**Asst Engineer**
Ward No-12

**Asst Executive Engineer**
Shettyhalli Sub-Division
BBMP

**Executive Engineer**
Dasarahalli Zone
BBMP

ನಂ.EE/DD/AS/08/10-11 ದಿನಾಂಕ : 17-1-11
ರೂ. ಮೂವತ್ತೈದು ಲಕ್ಷಗಳು ಮಾತ್ರ
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